IN THE CLAIMS:

Please add the following claims:

--39. **(New)** An umbrella apparatus, comprising:

a hollow pole;

an articulating canopy movable between an open position and a closed position; and

a canopy articulation system for moving the canopy between the open and closed positions, at least a portion of the canopy articulation system being disposed within the pole.

40. **(New)** The umbrella apparatus according to claim 39, further comprising:

a rechargeable electrical power system for providing electrical power to the canopy articulation system.

41. **(New)** The umbrella apparatus according to claim 40, further comprising:

a solar energy system for providing electrical power to the rechargeable electrical power system.

42. **(New)** The umbrella apparatus according to claim 40, wherein the rechargeable electrical power system is adapted to receive power from an alternating-current electrical power source.

43. **(New)** The umbrella apparatus according to claim 40, further comprising:

a solar energy system for providing electrical power to the rechargeable electrical power system;

wherein the rechargeable electrical power system is adapted to receive power from an alternating-current electrical power source; and

wherein the rechargeable electrical power system is adapted to simultaneously receive power from the solar energy system or the alternating-current electrical power

source and operate the canopy articulation system.

44. **(New)** An umbrella apparatus, comprising:

a pole;

a canopy;

a rechargeable electrical power system; and

a first port conductively connected to the rechargeable electrical power system, the first port being adapted to receive electrical power from a first source of electrical power for recharging the rechargeable electrical power system.

45. **(New)** The umbrella apparatus according to claim 44, further comprising:

a solar energy system having a means for conductively connecting the solar energy system to the port for providing electrical power to the rechargeable electrical power system.

46. **(New)** The umbrella apparatus according to claim 44, further comprising:

a second port conductively connected to the rechargeable electrical power system, the second port being adapted to receive electrical power from a second source of electrical power for recharging the rechargeable electrical power system;

wherein the rechargeable electrical power system is adapted to simultaneously receive power from the first source and from the second source.

47. **(New)** An umbrella apparatus, comprising:

a pole;

a canopy;

an electrical subsystem; and

a rechargeable electrical power system for providing power to the electrical subsystem, the rechargeable electrical power system being adapted to receive electrical power from an alternating-current electrical power source for recharging the rechargeable electrical power system.

48. **(New)** The umbrella apparatus according to claim 47, wherein the rechargeable electrical power system is capable of simultaneously providing power to the electrical subsystem and being recharged.

49. **(New)** An umbrella apparatus, comprising:

a pole;

a canopy;

an electrical subsystem; and

a remote control system for remotely controlling the operation of the electrical subsystem.

50. **(New)** A solar-powered electrical subsystem adapted for use on an umbrella, the subsystem comprising:

a solar collector for generating electrical power;

a rechargeable electrical power source conductively connected to the solar collector;

wherein the rechargeable electrical power source is adapted to be recharged by the electrical power from the solar collector.

51. **(New)** A solar-powered electrical subsystem adapted for use on an umbrella, the subsystem comprising:

a solar collector for generating electrical power;

a rechargeable electrical power source conductively connected to the solar collector;

wherein the rechargeable electrical power source is adapted to be recharged by the electrical power from the solar collector; and

wherein the rechargeable electrical power source is adapted to receive electrical power from an alternating-current electrical power source for recharging the rechargeable electrical power source.

52. **(New)** A canopy actuating subsystem adapted for use on an umbrella having a canopy movable between an open position and a closed position, the subsystem comprising:

a motor operably connected to the canopy for moving the canopy between the open and closed positions;

an electrical power source for providing electrical power to the motor.

53. **(New)** The canopy actuating subsystem according to claim 52, wherein the electrical power source is rechargeable.

54. **(New)** The canopy actuating subsystem according to claim 52, further comprising:

a solar energy system conductively connected to the electrical power source, the solar energy system providing electrical power for recharging the electrical power source.

55. **(New)** A cooling subsystem adapted for use on an umbrella, the subsystem comprising:

at least one fan adapted to be carried on a movable support member of a canopy of an umbrella;

wherein the at least one fan is adapted to be conductively coupled to an electrical power source.

56. **(New)** The cooling subsystem according to claim 55, wherein the movable support member is a support rib.

57. **(New)** The cooling subsystem according to claim 55, wherein the movable support member is a strut.

58. **(New)** A misting subsystem adapted for use on an umbrella, the subsystem comprising:

a fluid source;

a conduit system in fluid communication with the fluid source and adapted for distributing fluid from the fluid source to at least one outlet carried by the umbrella.

59. **(New)** The misting subsystem according to claim 58, wherein the conduit is carried on support ribs of the umbrella.

60. **(New)** The misting subsystem according to claim 58, wherein the at least one outlet is a nozzle.

61. **(New)** The misting subsystem according to claim 58, wherein the at least one outlet has a pressurized tip.

62. **(New)** A lighting subsystem adapted for use on an umbrella, the subsystem comprising:

at least one light source adapted to be carried on a movable support member of a canopy of an umbrella;

wherein the at least one light source is adapted to be conductively coupled to an electrical power source.

63. **(New)** The lighting subsystem according to claim 62, wherein the at least one light source is of a type selected from the group consisting of incandescent, neon, fluorescent, LED, organic LED, and cold cathode-ray tube.

64. **(New)** An electrical subsystem adapted for use on an umbrella, the subsystem comprising:

a wiring system adapted to be carried by an umbrella for conducting electricity to selected portions of the umbrella; and

a battery pack conductively connected to the wiring system and adapted to be carried on a base of the umbrella.

65. **(New)** The electrical subsystem according to claim 64, wherein the battery pack is rechargeable.

66. **(New)** The electrical subsystem according to claim 65, wherein the battery pack is adapted to receive electrical power from an alternating-current electrical power source for recharging the battery pack.

67. **(New)** An electrical subsystem adapted for use on an umbrella, the subsystem comprising:

a wiring system adapted to be carried by an umbrella for conducting electricity to selected portions of the umbrella;

an electrical power source conductively coupled to the wiring system;

a switch conductively coupled to the wiring system for selectively controlling a flow of current through at least a portion of the wiring system.

68. **(New)** The electrical subsystem according to claim 67, wherein the switch is adapted to be disposed on a crank mechanism of the umbrella.

69. **(New)** The electrical subsystem according to claim 67, wherein the switch is adapted to be disposed on a pole of the umbrella.--